

City of St. Louis Treasurer's Office



IT Request for Quote

Hyper-Convergence Infrastructure

Quote due no later than 3:00pm June 15, 2016

Quote must be valid to July 15, 2016

1) Opening Statement

The **City of St. Louis Treasurer's Office** is looking to build a hyper converged infrastructure.

Hyper-convergence combines Compute, RAM and Storage resources along with an included hypervisor. The Treasurer's Office is looking for a node-based clustered architecture that is ideally managed by one web-based interface and supported by a single vendor. Should additional licensing be required vendors will make note of this on their submission.

2) Scope of Services

a) Treasurer's Office IT Infrastructure

There is no current domain based IT infrastructure, however please see below for future IT expectations.

- Microsoft SQL server
- Financial Applications
- Domain Controllers
- Lab monitoring
- File and Storage
- Document Management
- Support 100-200 users

Based off Treasurer's Office future IT environment; a MINIMUM two node cluster will be required to meet the current workload and allow room for growth as business needs dictate. A DR node/cluster is also required for offsite back up. Additional nodes should be added seamlessly and without disruption at a future date as dictated by business needs.

MINIMUM Technical Specifications:

At least one cluster for production and one cluster for Disaster Recovery.

- Compute, RAM, Storage and Hypervisor combined in a scalable node based clustered architecture.
- Single web-based management interface for servers, storage and virtualization.
- Ability to manage the entire cluster from any HTML 5 compliant browser on any device.
- Single support contact.
- Remote support capability giving vendor Engineers direct access to the cluster at the root level through a secure SSH Tunnel initiated by the end user ensuring quick and concise diagnostics and repair.
- Ability to grow the cluster by adding nodes.
- Ability to add newer nodes to an existing cluster without issues or having to run in a mode that supports backwards compatibility.

- High level of data redundancy.
- Ability to Live Migrate a running virtual machine from one node to another without disruption or loss of services.
- Native High Availability.

b) **Warranty and Maintenance Plan**

Single support model 24-7, 365 days a year, NBD for replacement parts and two hour critical issue response time.

3) Quote Format

Each vendor submitting a quotation shall provide a minimum of the following information:

- a) Name, address, and phone of the vendor.
- b) Specifications of goods or services being quoted on.
- c) Warranty terms and conditions.
- d) Price and period of validity

As well as:

- Detailed product recommendation
- Minimum supporting infrastructure requirements including backplane
- List of approved switches if available
- Dependent hardware or software must be identified if it is an inclusion of the recommended solution or extra.
- Limitations must be identified
- Identify known issues users have experienced
- Recommended configuration utilizing your product
- If the solution is modular, dependent components must be identified and priced out accordingly.
- Support contract detail must be clearly defined as well as any associated costs.
- All product terms and warranties must be clearly identified
- Minimum of three references utilizing your product.

4) Proposal Due Date and Location

RFQ submittals are due no later than **3:00 PM on June 15, 2016** and should be emailed to walkerj@stlouis-mo.gov :

Late quotes may not be accepted.

Public access to quotes shall be governed by the relevant provisions of the Freedom of Information Act, State of Missouri Sunshine Law (RsMO 610.021), and regulations adopted pursuant thereto.

5) Department Contact / Requests for Clarification

Prospective responders may direct questions to:

Jerry Walker
Director of IT
City of St. Louis Treasurer Office
E-mail: walkerj@stlouis-mo.gov